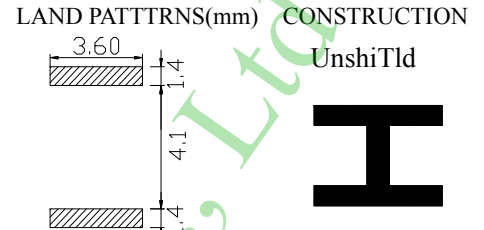
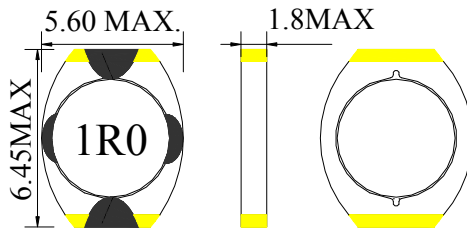


Inductance Range: 1.0μH~1000μH
Temperature Range: -40℃~+105℃

PDC5618-Series

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 3000pcs
- ★Small products, Elliptic 5.60mm*6.45mm, Height 1.6mm Type.
- ★The use of carrier tape package for SMT reflow soldering process
- ★Widely use in DC-DC converter/LCD TV/Notebook/PDA /Digital camera/DVD etc.
- ★Design to customer requirement t

RoHS Compliant(SGS Certified Result)

Pb	Cd	Cr+6	PBBs	PBDEs
<1000ppm	ND	ND	ND	ND

Electrical Characteristics:

Part Number	Test Condition	Inductance (μH)	Tolerance (%)	D.C.R(Ω) Max.	Rated Current	
					Isat(A)	Irms(A)
PDC5618-1R0M	100KHz/0.1V	1.0	±20	0.04	2.50	2.30
PDC5618-1R5M	100KHz/0.1V	1.5	±20	0.06	2.20	2.10
PDC5618-2R2M	100KHz/0.1V	2.2	±20	0.07	1.80	1.70
PDC5618-3R3M	100KHz/0.1V	3.3	±20	0.10	1.40	1.30
PDC5618-4R7M	100KHz/0.1V	4.7	±20	0.12	1.20	1.10
PDC5618-6R8M	100KHz/0.1V	6.8	±20	0.19	1.10	1.00
PDC5618-100M	100KHz/0.1V	10	±20	0.30	1.00	0.90
PDC5618-150M	100KHz/0.1V	15	±20	0.40	0.80	0.70
PDC5618-220M	100KHz/0.1V	22	±20	0.54	0.60	0.50
PDC5618-330M	100KHz/0.1V	33	±20	0.74	0.50	0.45
PDC5618-470M	100KHz/0.1V	47	±20	1.10	0.45	0.40
PDC5618-680M	100KHz/0.1V	68	±20	1.60	0.35	0.35
PDC5618-101M	100KHz/0.1V	100	±20	2.30	0.30	0.30
PDC5618-151M	100KHz/0.1V	150	±20	3.20	0.25	0.25
PDC5618-221M	100KHz/0.1V	220	±20	5.70	0.20	0.18
PDC5618-331M	100KHz/0.1V	330	±20	8.20	0.16	0.16
PDC5618-471M	100KHz/0.1V	470	±20	10.80	0.14	0.12
PDC5618-681M	100KHz/0.1V	680	±20	17.20	0.12	0.10
PDC5618-102M	100KHz/0.1V	1000	±20	22.60	0.08	0.08

- 1、 Inductance is measured with a LCR meter:HP4284A & 3532-50 or equivalent.
- 2、 D.C .R is measured with a Digital Multimeter TH2512B or equivalent.
- 3、 The Isat is the current at which the inductance decreases by 10% from the initial value
- 4、 The Irms by Stand-Type is the current at which the temperature rise is ΔT≤40℃, whichever (Ta=20℃)